_	<b>三</b> 5
<b>~</b>	<b>==</b> :
_	
_==	
N	<b>=</b> c
$\boldsymbol{\sigma}$	
	<u> </u>
_	o
_	== :
_	<u> </u>
_	يحيين
	<b>—</b> M

Please type a plus si	gn (+) inside this box	→	+

PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Office: U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Offi UTILITY PATENT APPLICATION

First Inventor or Application Identifier Toru OTSUBO

PLASMA PROCESSING APPARATUS AND PROCESSING METHOD

TRANSMITT	ΓΔΙ	THE PLASINIA					
TRANSMIT I y for new nonprovisional applications	under 37 C.F.R. § 1.53(b))	Express Mail L	abel No.			· for Detents	2
ADDUCATION ELEM	MENTS	l A	DDRESS 1	Assistant C TO: Box Patent Washingto	Applica	sioner for Patents ation 20231	-8
MPEP chapter 600 concerning utilit	ty patent application contents		Missofia	he Computer P			42(4)
X * Fee Transmittal Form (Submit an original and a du	(e.g., PTO/SB/T/) uplicate for fee processing)	s.L	ـــــا Jucleotide an	nd/or Amino Acid	d Sequ	ence Submission	⊃~~
V Specification	[Total Pages 52	1 (	if applicable,	all necessary)			<u></u>
(preferred arrangement set t	forth below)		- I	Computer Read			ဌ
<ul> <li>Descriptive title of the I</li> <li>Cross References to R</li> </ul>	Invention related Applications		b.	Paper Copy (ide	entical	to computer copy	()
- Statement Regarding I	Fed sponsored R & D			Statement verif	ying ide	entity of above of	pies
<ul> <li>Reference to Microfich</li> </ul>	e Appendix	_				ATION PARTS	
- Background of the Inve	ention	-	ACCO	Panars (c	over st	neet & document	(s))
- Brief Summary of the	Invention	7.[	Assign	ment Papers (c	tement	Power of	
- Brief Description of the	e Diamilia (11 11100)	8.	37 C.F (when	there is an assi	ignee)	X Attorney	
<ul> <li>Detailed Description</li> <li>Claim(s)</li> </ul>		9.	Englis	h Translation De	ocume	nt (if applicable)	
- Claim(s) - Abstract of the Disclo	sure ,		Ll Cloform	nation Disclosure	Э	Copies of Citations	IDS
Drawing(s) (35 U.S.C.	113) [Total Sheets 8	] 10.		ment (IDS)/PTO		L Citations	
لشتا	[Total Pages 3	11.		ninary Amendme		DED 503/	
. Oath or Declaration	<u> </u>	12.	Retur	n Receipt Postc uld be specificall	ard (Mi Iv itemi	アドト 203) zed)	
a. X Newly execute	ed (original or copy)			all Entity ———	Statem	ent filed in prior	applicatio
b. Copy from a p	rior application (37 C.F.F divisional with Box 16 comp	(t. § 1.03(d)) leted) 13.	State	ment(s)	Status	still proper and o	lesired
DELET	TION OF INVENTOR(S)		Cartil	(SB/09-12) fied Copy of Price	ority Do	cument(s)	
:nto	d statement attached de r(s) named in the prior ap	opiication,	(if for	reian priority is i	ciaimec	Prior Art w/refs.	
cop 37	CFR 88 1.63(d)(2) and	1.33(b). <b> </b> [15	X Othe	r: List and Co Credit C	ard Pa	yment Form	••••••
IN NOTE FOR ITEMS 1 & 13 IN ORDER	TO BE ENTITLED TO PAY SM	ALL ENTITY		Figs. 1-1	1		
			uuioito in	formation below a	nd in a p	oreliminary amendm	ent:
IF ONE FILED IN A PRIOR APPLICA  16. If a CONTINUING APPLICA	CATION, check appropriate	box, and supply	the requisite in of prior	application No:			
Continuation	Divisional	SIL III P ( )		Group / Art Uni	it:	- I ion io	eunnlied
Prior application information: For CONTINUATION or DIVISION under Box 4b, is considered a pa	IAL APPS only: The entire	disclosure of the	prior applica	ition, from which or divisional appli	an oati ication :	and is hereby inco	rporated b
For CONTINUATION or DIVISION under Box 4b, is considered a pareference. The incorporation can	n only he relied upon when	n a portion has b	een madverte	illay comme	n the su	bmitted application	n parus.
reference. The incorporation can	17. CORRE	SPONDENC	E ADDRES	<u>ss</u>			
		020457		or 🗆	Corre	spondence addres:	s below
Customer Number or Bar Co	ode Label	er No. or Attach b	ar code label h				
	(Insert Castonia						
Name							
Marile							
Address							
Address	<del></del>	- Ctata		Zip C	ode		
City		State			Fax		
	le le	lephone			anat)	22,466	
Country							
	in Kraus/		Registra	tion No. (Attorney/A	Date	04-26-01	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



PTO/SB/17 (12/99)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
ollection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to res

FEE	TR	AN	SMITT	AL
1	for		2000	

Patent fees are subject to annual revision.

Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTC/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

(\$)1,180.00 TOTAL AMOUNT OF PAYMENT

pond to a collection of infor	rmation unless it displays a valid OMB control number.
Со	mplete if Known
Application Number	
Filing Date	April 26, 2001
First Named Inventor	Toru OTSUBO
Examiner Name	
Group / Art Unit	
Attorney Docket No.	503.39737X00

DAVISITALT (check one)				FE	E CALCULATION (continue	ed)	
METHOD OF PAYMENT (check one)	3. AD	חודומ	NA				
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:	Large E	Entity	Small	Entity Fee	Fee Description	_	Fee Paid
Deposit Account 01-2135	Code 105	• • •	205	65	Surcharge - late filing fee or oath		0.00
Number U1-2133	127		227	25	Surcharge - late provisional filing fe	e or	0.00
Deposit Stout & Vraus IIP	121	••			cover sheet.		0.00
Account Name Antonelli, Terry, Stout&Kraus, LLP	139	130	139	130	Non-English specification  For filing a request for reexamination	.n	0.00
Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17		,520	147	•	Requesting publication of SIR prior	to	0.00
	112	920*	112	920*	Examiner action	- ⊢	
2. X Payment Enclosed:  Check Money X Other  Order	113 1	,840 <b>°</b>	113	1,840	Examiner action		0.00
	115	110	215	55	Extension for reply within first mon Extension for reply within second r	nonth	0.00
FEE CALCULATION	116	380	216	190	Extension for reply within third mor		0.00
1. BASIC FILING FEE	117	870	217	435	Extension for reply within fourth m		0.00
Large Entity Small Entity Fee Fee Fee Fee Description Fee Paid	118 1		218	680	Extension for reply within fifth mon		0.00
Code (\$) Code (\$)		1,850	228		Notice of Appeal		0.00
101 000 Est Decian filing fee	119	300	219	150 150	Filing a brief in support of an appe	al	0.00
106 310 206 155 Design lining lee	120	300 260	220 221	130	Request for oral hearing	ļ	0.00
108 690 208 345 Reissue filing fee	121	1,510		1,510	Petition to institute a public use pr	oceeding	0.00
114 150 214 75 Provisional filing fee	140	110	240		Petition to revive - unavoidable		<del></del>
SUBTOTAL (1) (\$) 710.00		1,210	241	605	Petition to revive - unintentional	ļ	0.00
2. EXTRA CLAIM FEES	1	1,210		605	Utility issue fee (or reissue)		0.00
Fee troil Fee Boid	143	430	243	215	Design issue fee		0.00
Total Claims 9 -20** = 0 × 18 = 0	144	580	244		Plant issue fee		0.00
Independent 5 [-3" = 2   X   60 ] = 100	122	130	122		Petitions to the Commissioner	nlications	
Claims Multiple Dependent  270 = 270	123	50	123		Petitions related to provisional ap		0.00
**or number previously paid, if greater; For Reissues, see below		240			Submission of Information Disclo		0.00
Large Entity Small Entity Fee Fee Fee Fee Fee Description	581	40	58	1 40	Recording each patent assignme property (times number of prope	nies)	40.00
Code (\$) Code (\$)  103 18 203 9 Claims in excess of 20	146	690	24	6 345	Filing a submission after final rej (37 CFR § 1.129(a))	ection	0.00
102 78 202 39 Independent claims in excess of 3	149	690	24	9 345	For each additional invention to I	be	0.00
104 260 204 130 Multiple dependent claim, if not paid	1				examined (37 CFR § 1.129(b))		
109 78 209 39 ** Reissue independent claims over original patent	Other	r fee (	speci	fy)			0.00
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Other	r fee (	speci	fy)		0) (0) 4	0.00
SUBTOTAL (2) (\$) 430.00 Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00							
Computer D. D.					Complete (if a		
SUBMITTED BY		Reg (Atto	istrati mey/A	on No. aent)	22,466 Telephone	703-312	2-6600
Name (Print/Type) Melvin Kraus		17410		33	Date		0.1

WARNING:

Signature

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

04-26-01

Date